US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
	or FAA Use Only

Auminisu													
instructi		sition of	this fo	orm. This report is				S.C. §447	01). F	ailure to rep		ubsequent revision thereof) for result in a civil penalty for each	
	N7152	Nationality and Registration Mark N7152D							No. 22	2-5016			
1. Aircraf	liviake	iper	٢					Model		-22-1	50	Series	
	Name (A	s showr	n on re	egistration certificate)			Addres	-	_	gistratio	n certificate)	
2. Owner	Harris	on S	cott	D				Address City	192 E. I	Prescott Dr		State Arizona	
								Zip	850249		Coi	untry USA	
						3. F	For FAA Use						
4.	Туре				. "	5. l	Unit Identifica	ation					
Repair	· i		Unit		Ma	ke	·			Model		Serial No.	
	×	AIRF	RAME	Piper				(As described in Item 1 above)			22-5016		
		POW	ERPLA	ANT				·		•			
		PROF	PELLE	ER .		İ							
		APPL	APPLIANCE Manufacturer										
					6	. Co	onformity Sta	tement					
	y's Name and A	Address				 	Kind of Agend	<u> </u>					
Name Ba	shir Khalil W. German Rd					X		U. S. Certificated Mechanic Manufacturer Foreign Certificated Mechanic C. Certificate No.					
	nandler			State AZ	_	\vdash		ed Renair Station					
Zip 85	LICA						Certificated N	ated Maintenance Organization A&P3473353					
have	e been made ir	n accord	lance v	eration made to the with the requiremen ect to the best of my	ts of I	Part	43 of the U.S					rse or attachments hereto hat the information	
Extended per 14 CF App. B	range fuel R Part 43		1	Signature/Date of Au Bushi	thoriz	zed	Individual	(TV,	1221	000	22	
							val for Return			7		7	
				persons specified by Administration and		the		ed in ite Approv		vas inspecte		he manner prescribed by the	
вү	FAA Flt. Stand Inspector	dards	'!	Manufacturer		Ma	aintenance Or	ganizatioi	1	Depart	lment of	ved by Canadian Transport	
J.	FAA Designee	e	X	Repair Station	X	Ins	spection Auth	orization		Other (Spec	:ify) 		
Certificate Designatio	or on No. 34733	353AI	S	Signature/Date of Au		_	_		2		-02	122/2022	

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nat	tionality and registration mark and dat	e work completed.)
	N7152D	02/22/2022
	Nationality and Registration Mark	Date
Removed Vacuum ADI and DG.		
This FAA form 337 records the installation of two AV-Corporation SA00410BO, date it August 31,2020.and		
Performed post installation and test per uAvionix Do Satisfactory.	cument UAV-1003947-0	01, rev E , all tests are
Performed 91.411 per CFR 14 part 43 appendix E, a	all checked satisfactory.	
Performed electrical load analysis and full electrical loutput. Aircraft Weight and Balance, and Equipment		
W&B and equipments list is modified. Continue airworthiness On "condition Monitored" AFMS was added to the POH Log book entry is made.		
END		
		•
•		
Additional Sheet	ts Are Attached	

MAJOR REPAIR AND ALTERATION

Form Approved OMB No. 2120-0020

Electronic Tracking Number

U.S Departme	ent of		· ·c			4 0			11/30/2007		<u></u>				
Transportation	n	(A	xırtr	ame, Pov	verpian	It, P	ropeller, or <i>i</i>	Appliance)		AA Use Only					
Federal Aviat Administration															
and disp		form. This	s repo	ort is required b	y law (49	U.S.C		2 43.9-1 (or subseque report can result in a							
	Nationa N715		egistr	ration Mark				Serial No. 22-5016							
1. Aircraft	Make PIPE	R						Model Series -150							
	Name	(As shown	on re	egistration cert	ificate)			Address (As shown on registration certificate)							
2. Owner	1,,,,,,,,	7100N1	200				·	Address 192 EAST PRESCOTT DR							
	IHARI	RISON	SCO	טווט				City CHANDLER State AZ							
								zip 85249-48	399	Country US/	<u>4</u>				
						- 3	3. For FAA Use O	nly							
4.	Туре	ļ <u> </u>			 _		5. (Jnit Identification							
Repair	Alteration		Ur	nit 		N	∕lake 	Model			Serial Number				
] 🗆		AIRFRA	AMF					(As described in It	em 1 above	,					
<u> </u>		/						<u> </u>		<u></u>					
		POWE	RPLA	ANT					<u></u>						
		PROPE	LLE	R											
		APPLIA	ANCE Type			mrer	······								
<u> </u>						6	. Conformity Sta	ement							
A. Agency's	s Name and A	ddress				B. K	(ind of Agency								
L .	RIAN L WIL					✓	U.S. Certificated	Mechanic		Manufactur	er				
	75 EAST R	YAN R	DAC				Foreign Certificated Mechanic C. Ce				10.				
	<u> </u>					Certificated Repa	8418								
Zip 85	286	Country	USA	\			Certificated Main	tenance Organization	1						
have		accordance	ce wit	h the requirem	ents of Pa	rt 43 d		and described on the Aviation Regulations							
Extended ra				Signature/I	Date of Au	thorize	ed Individual	1		\sim					
per 14 CFR Part 43 App. B BRIAN L WILSOI					، ا <i>م</i> اد	1/6/2010 (10.	//	, yo						
				DIVIAIN			proval for Return	to Service							
Pursuant	to the authority	y given per	rsons	specified belo		<u>.</u>	 	inspected in the man	ner prescrib	ed by the					
	ator of the Fed						_	EJECTED		-					
Bv L	FAA Fit Standards Inspector Manufacturer				Maintenance Org	anization			proved by Canadian t of Transport						
BY FAA Designee Repair Station			✓	Inspection Authorization Other (Specify)											
Certificate on Designation	No.			nature/Date of				7	1	∠					
AGE 49/	728418 IA		BR	IAN L WIL	<u> </u>	/6/20	018	ナー・て、		~					

	•	١-	С	_
17	ı	,	L	С

B. Desci	ription of Work Accomplished		
(If mo	ore space is required, attach additional sheets. Idei	ntify with aircraft nationality and registration	mark and date work completed.)
		N7152D	1/6/2018
		Nationality and Registration Mark	Date
AFTT: 2	2472	Nationality and Negistration Mark	Date
/ III. =	.412		
	S AIRCRAFT GASCOLATOR ASSEMBLY, PN SA3		
DATED 1	ATION COMPLETED PER STC -SA01026SE, AM 11-7-2001, REVISED 7-29-2003.		NSTRUCTION DOCUMENT 3200-3-2
WEIGHT	CHANGE NEGLIGIBLE, WEIGHT & BALANCE R	.E-CALCULATION NOT REQUIRED.	·
INSTRUC	CTIONS CONTINUED AIRWORTHINESS:		
CONTIN	NUED AIRWORTHINESS INSTRUCTIONS SPECIF	FIED IN DOCUMENT 3200-3-1, DATED 11	-7-2001, REVISED 5-25-2003.
DAILY:			
	GASCOLATOR BEFORE FIRST FLIGHT EACH DA	AY.	
100/ANI	NUAL INSPECTIONS:		
1.	TURN OFF FUEL		
2.	REMOVE SAFETY DEVICE		
3.	REMOVE BOWL AND CLEAN		
4.	CHECK SCREEN AND CLEAN IF NECESSARY	,	
5.	CHECK CONDITION OF O-RING		
6.	RE-INSTALL BOWL – ALWAYS USE FUEL RES	SISTANT LUBE ON O-RING WHEN INSTA	ILLING BOWL (PARKER O-LUBE OF
7.	RE-INSTALL SAFETY DEVICE		
8.	CHECK FOR GENERAL SECURITY		
9.	TURN ON FUEL AND CHECK FOR LEAKS		
		END OF DOCUMENT	
-	·		
	•		
	•		
	A	dditional Sheets Are Attached	

(3)
US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
F	or FAA Use Only

Federal Avi Administra	iation	(Allillai	, r	owerpiant, i	-101	Jei	iei, oi Appi	nance,							
instructio		sition of this	s form.											sequent revision thereof) sult in a civil penalty for ea	
	Nationalit	y and Regi	istratior	n Mark				Serial	No.	-				· · · · · · · · · · · · · · · · · · ·	
1. Aircraft	N7152)						22-50)16	_					
i. Airciait	Make							Model					1	Series	
	PIPER								2-150	_				ixed Wing Single-En	gine
	Name (A	s shown on	registr	ration certificate)						_			certificate)	
2. Owner								1	192 E CHAN			Шυ	K	State ARIZON	Δ
	HARRIS	SON SC	ОТТ Г)				Zip	85249				Count	try UNITED STATES	<u> </u>
	117 (1 (1 (1	0011 00	0111			3.	For FAA Use	ـــنــــــــــــــــــــــــــــــــــ		- 100				, 5,11,12,5 0,1,112,0	
				the app appro	ved o ect to a FAA	ole a conty conty uth US	iata identified hairworthiness no for the above orized in 14 CF	equirement describe to by a R., 43.7.	onts and d aircra person	dis aft n					
4.	Туре			•		5.	Unit Identifica	ition							
Repair	Alteration	Uni	it		Ма	ke	e Model							Serial No.	
	1	AIRFRAME -					(As described in Item 1 above)		_	
		POWERF	PLANT									<u>.</u>			
		PROPELLER													
		APPLIANCE Manufacturer													
					6	. C	onformity Stat	ement						·	
A. Agency	's Name and A	ddress				B. Kind of Agency									
	DREW ESTE 124 W BUD R					✓	 ✓ U. S. Certificated Mechanic Manufacturer Foreign Certificated Mechanic C. Certificate No. 								
		IOAD		State AZ	_ '	\vdash	Foreign Certificated Mechanic C. Certifi Certificated Repair Station					cate No.			
City MARICOPA State AZ zip 85138 country USA				_		Certificated Maintenance Organization 2828023 A&P									
have	e been made in	accordance	ce with		ts of	Par	t 43 of the U.S							e or attachments hereto at the information	·
Extended reper 14 CFF App. B	•			108.2017		zed	Individual								
-				7	. Ap	pro	val for Return	to Servi	се						
				ns specified be		tr	_	ed in ite			inspect Rejecte		the	e manner prescribed by	the
	FAA Flt. Stand	dards	Manı	ufacturer		м	laintenance Or	ganizatio	n	_				ed by Canadian ransport	
BY	FAA Designee	•	Repa	air Station	✓	Ir	nspection Author	orization		Othe	er (Spe	cify)			
Certificate of Designation			Signa	ture/Date of Au	thoriz	zed	Individual				-				
2828023 IA 09.08.2017															

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft natio	nality and registration mark and date	e work completed.)
	N7152D TACH: 601.21	09.08.2017
	Nationality and Registration Mark	Date
Type certification Basis: CAR 3, T/C 1A6		
 Removed 600 x 6 Tires from main landing gear. Installed 800 x 6, 6 ply Condor tires on main landing gear. All work accomplished i accordance with AC 43.13-1B, method Manual. Approval Criteria for Tundra Tire Installation. AC 23.17C Tun. New weight and balance computed and aircraft records updated. Instructions for Continued Airworthiness will be in accordance practices, Piper PA-22 Service Manual. Reference 337 dated 06/03/09, N72CJ for previous approved END 	dra Tires. ited. e with: AC43.13-1b, Acceptal	
	 	
The state of the s	11 & 11 C	
e e e e e e e e e e e e e e e e e e e		
☐ Additional Sheet	s Aro Attached	

(Carlo
Ud Camattoria

MAJOR REPAIR AND ALTERATION

	Farm Approved	Flact tenit Tracking Number
	OMB No. 2120-0000	
	11/30/26/37	
- 1		as EA & Hea Confe

of Transcration of Transcration Fedoral Audot Auministratio	ion inc	(Airframe,	Powarpiani, i	≥ro;	oeller, or A	g pp	liance)			par hand of the state of the st	
instruction	s and dispos	i or type all om skion of this ton C. §46301(a))	rios. Sea Title 14 6. This report is r	CF equir	R 543.9, iPa red by law (4	rt 43 9 V.3	5.C. §44701), Fa	nd AC 43. sikire to ra	9-1 (or sul pust can re	esequent revision thereof) for sult in a civil penalty for each	
gararnagigaring gred Sadiron Sib yoʻn xoladiroh edhiroli	Nationalii N720J	y and Registrati	on Mark	enwere ere	Serial No. 22-83						
1. Aircroft	Make		enterete the state of the second state of the second secon				Model Series				
	Piper						PA-22-135				
get _{mark} arting pengleg dan profit d a sa h pang at mas gasari	1	shown on regi Elenneth L. C	shallon certificate. Illinger Ann E	}	iki jiga garahinan oran oran dan dan karan dan can	era adirengente.	Address (As shown on registration certificate) Address P. O. Box 1190				
3, Owner							City <u>Willow</u> cure Aleska 79 99686-1180 county USA				
		antaga sarinamana. Mendemajang semeng sepang bilanti dalik bel	in the first three the state of		3. For FAA	Use	Only			a pozornych neda pod betwy skape estere o positi na ned pozornych pod betwy ned pozornych neda p	
								~			
							The State of	es é pre			
	AT	TACHN	ACAIT				Participation of the second	The second second	ري. هو وهو از ويد دري.		
	MI	IMOUN	ICN				30 toll 20 miles	न दशक्तात्र हैं इ. दशक्तात्र हैं	inn \$ K 4 7	and the state of t	
							in \$ 42.7	دسم	رو دوست. او شهرستان بارستان او دوستان بارستان	Activities 1975	
						۲,	06/03/246	7 15	The state of the s	724 4203	
4. 79	ps	graduation raile of the telephone of the section of	at gathar o an mainteoir -aidhgil -aitheir 1900 an 1906ach aidhean ann 190	#*(##XE###	5. Unit Iden	tilica	ition			y water the first the firs	
Repair	Arteration	l Gall		Me	ks			Model		Serial hio.	
	[2]	AIRFRAME					(As described in flow 1 above)				
		POWERPLAN	*			Year Year					
	# No. 1 - 1	PROPELLER	A AMERICAN STREET, STR						And the course are not always to the course of the course		
			1) y p c								
		APPLIANCE	Manufecturer								
**************************************		-				į					
200 0 11 11 11 11 11 11 11 11 11 11 11 11	SON THOSE OF THE SECOND PROPERTY.	de com en		6.	. Conformity		Marrier and the control of the contr		Carloman and escaphished and other by the		
A. Agency's					B. Kind of A		y atad Machaelic	and the second section of the second	777	usousuus	
4524 F. (ner Avistion II.	ira.	L.Y. of the commence of the		Scaled Mechanic	***************************************		icate No.	
co into	<u> </u>		Tana Winaks		Centic	sted F	lopak Station		1.0302	-10851A	
	<u> </u>		maker and compared with the first space of the second space of the		in embourous amount		Aeletesanta Organ			AND THE RESIDENCE OF THE PROPERTY OF THE PARTY OF THE PAR	
18778 0	กลา กรณิส โก	acciordance wil	ation made to the n the requirement to the bear of my	3 G 🗄	Part 40 of the	in de U.S	en i above and . Fedarai Avisiio	described in Regulati	f on the (ex or: and fa	verse or altachmenta fieldl) st the information	
Extented rai			racure/Date of Aut				<u> </u>		tagtion against an anni ann an tagain a ch	ger yan aerekaren 1 geh att gestin bekarapa gapangan arabasakan serikan kiran da gestiraka in dalah est estil (bestir), sa ina in	
ner ∺ CER :		Ala:	via E Transpor	مر میرم	Ago,	g Jane		,	and the same	-6-09	
App. 8	Carrier and the second	anuterior rations are his final programme and the complete reside	La compression de construir de de c	yd lyddiad Gwedina	Megaz	Same	Same.	Elen-		and a second	
Pursuant	la the publi	ority given pen		elaw.	proval for Re , the unit to	ientifi		was inspe	cted in th	e mennor prescribed by the	
	AA Pit Stand	tearte	กนโละโมเลา		Maintenen:		Will was also broken grant and the second	Pen		nd by Canadian ransport	
Birth	AA Designee	Re	pair Station	X	Inspection	Auth	enzation	Other (S)	uecity)		
Cartificate or	the system to the second state of the second s		nature/Data of Aut	horia	zeć individua	ļ	a anna anna anna anna anna anna anna a	<u> </u>		alkada ay ay amoonin ay agalla gaayaya gara y had alkada ahaabada bahaba ba ay dalad ay ara garahan ay	
Designation ! AP 304108		Ma	rvin E Trímmer	4	La Sur s	ر سائح الر	. Olan	ひにとなる **	- 6	6-6-04	

FAA Form 337 (1996)

	10	*	٠.	*	
V.					

Weight and palotte or operating limitation changes shall be entired in the appropriate elicran record. An intention must be competited with the appropriate disvertishess requirements

N73C1 6-6-09 Nationality and Registration Mark Dass

Description of Work Accomplished

N72CJ Piper PA-22-13S S/N 22-83

#31

2009

Type certification Basis: CAR 1, Y/O 1A6

- 1. Removed 6:05 X 8 Tires from main landing gear & nose year.
- 2. Installed 8:50 X 6 tires and 8:55 tubes on Claveland whools with single piston brakes on main landing gear & installed 7:00 X 6 nose gear.
- 3. All work accomplished in accordance with AC 43.13:18 Chapter 9 Section 17, 18, 19, 20, 21, using accepted methods, techniques and practices.
- 4. Order: 8300.10 Revised Approval Gifferia for Fundra Tire Installation. AC 23.179 Turvina Cires.
- 5. New weight and balance computed this equipment list revised.
- 8. Instructions for Continued Autworthinest will be in accordance with: AC43.13-15, Acceptable methods, sechniques & practices, Chapter 9 Section 1, para 2-7,c, 1, 2, le, f, g, para 9-13, throug para 9-21.

END	ing Etea Fullows	NO
C'a Characan i a managa a mana	and meaning and an arrangement of the second	

US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
	or EAA Hea Only

Fed	ransportatio leral Aviatio ninistration	on	(АІПТа	me, P	owerpiant, i	^rop	eli	er, or App	liance)				
ins	tructions		ition of th	is form.									bsequent revision thereof) for esult in a civil penalty for each
		Nationality	y and Reg	istratio	n Mark				Serial No.				
		N7152D)						22-5016				
1. Aircraft		Make							Model				Series
PIPER								PA-22-150	TRI	PACE	ER ∣	Fixed Wing Single-Engine	
			s shown o	n regist	ration certificate)				Address (As				
			•						Address 192 F	PRE	SCO	IT DR	
2. OV	wner								City <u>CHA</u>	NDLE	R		State ARIZONA
		HARRIS	<u> </u>	I TTO:	D				Zip <u>8524</u> 9	9-489	9	Cou	ntry UNITED STATES
							3. F	or FAA Use	Only				
												·	
	4. Ty	oe					5. U	Jnit Identifica	ntion				
Re	epair	Alteration	Un	nit		Mal	ke			Mod	el		Serial No.
		Alteration							Wiodei			Ochar 140.	
[✓	AIRFRAI	ME				(As described in Item 1 above)					
			POWER	PLANT									
[PROPEL	LER									
[APPLIAN	1CE	Type Manufacturer								
-	<u> </u>					6.	Co	nformity Sta	tement				<u> </u>
A. Ag	gency's N	Name and A	ddress				B. I	Kind of Agenc	у				
Name		REW ESTE				=	1	U. S. Certifica	ated Mechanic			Ma	nufacturer
Addres		W BUD R	OAD					Foreign Certi	ficated Mechanic			C. Certi	ficate No.
City	MARI				_ State AZ	— J		Certificated Repair Station					
Zip	85138	Cou	untry USA					Certificated N	faintenance Organ	nization	1	28280	23 A&P
D.	have be	een made in	accordan	ce with correct to	the requirement to the best of my	ts of f knov	Part vled	43 of the U.S ge.					se or attachments hereto nat the information
	nded ran			Signa	ature/Date of Aut	thoriz	ed I	ndividual					
per 1 App.	4 CFR F B	'art 43 [07	.28.2017	7	<i></i>	/11 -	!	12			
				ш			prov	al for Return	to Service				
						elow,		e unit identif			nspect Rejecte		ne manner prescribed by the
<u></u>	1	A Flt. Stand	lards	Man	ufacturer		Ma	aintenance Or	ganization			ns Approv	ved by Canadian Fransport
BY	FA	A Designee	,	Rep	air Station	✓	Ins	spection Auth	orization	Othe	r (Spe	cify)	
	ficate or nation N	 lo.		Signa	ature/Date of Au	thoriz	ed I	Individual			1	70	<u>-,,,,</u>
·	8023 I <i>A</i>			07	.28.2017	7		In	n M		1		

		N7152D TACH: 593.79	07.28.2017	
		Nationality and Registration Mark	Date	
tallation of landing light				
Reinstalled PA-22-150 landing Updated aircraft records.	light bracket assembly	P/N14502.		
	END)		
			•	

US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) '

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
	For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a)) Nationality and Registration Mark Serial No. 22-5016 N7152D 1. Aircraft Make Model PIPER PA-22-150 Fixed wing single engine Name (As shown on registration certificate) Address (As shown on registration certificate) Address 192 F PRESCOTT DR 2. Owner CHANDLER State AZ HARRISON SCOTT D 85249 Country UNITED STATES 3. For FAA Use Only 5. Unit Identification 4. Type Repair Alteration Make Unit Model Serial No. (As described in Item 1 above) AIRFRAME $\sqrt{}$ POWERPLANT **PROPELLER** Туре APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency Name ANDREW ESTES U. S. Certificated Mechanic Manufacturer Address 32424 W BUD ROAD Foreign Certificated Mechanic C. Certificate No. City **MARICOPA** State AZ Certificated Repair Station 85138 Country USA Certificated Maintenance Organization 2828023 A&P D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 06-24-2016 App. B

			00 2 . 20	. •				
				7. App	proval for Return to Service		-	
Pu Ad	rsuant to the authorid Iministrator of the Feder	y given ral Aviati	persons specified on Administration a	below, nd is	the unit identified in item 5 Approved	was inspected in Rejected	the manner prescribe	ed by the
. DV	FAA Flt. Standar Inspector	ds	Manufacturer		Maintenance Organization	Persons App Department of	roved by Canadian of Transport	
ŖΥ	FAA Designee	1,42.	Repair Station	✓	Inspection Authorization	Other (Specify)		
	ficate or gnation No.		Signature/Date of					
_	8023 IA	· ·	06-24-20	16	Sonus		· · · · · · · · · · · · · · · · · · ·	

		ř		N7152D T	ACH - 0525.4	6 06-24-20)16
	,			Nationality a	nd Registration M	lark	Date
nstallation of vortex gen Revision IR; dated May STC#SA00097SE.							
Instructions for Continue #MA8001 which must be damaged or missing, the replaced. The VGs shot missing or damaged. Mi (replacement) part. Inst inspections are necessa	e installed in a e aircraft is no uld be examin ssing or dama allation is acc	n easily s t airworth ed prior to ged VGs	een location i y." To make it o each flight, in excess of	in the cockpit. airworthy, the during the prefive need to be	This placard missing VGs flight inspecti e replaced by	states: "if mo in excess of on, to determ the installation	re than 5 VGs ar five need to be nine if any are n of a new
	Negligible	e weight o	change				
		END.					
				•			
						•	
•							• *
						· •	
					٠		
					r "r		
				•			
	;						
•							•
			•				
•				•			
		•			,		
			•			•	
•					•		
			Additional St	eets Are Attache	h	a.	•

	DEPA	NT OF TRANSPORTA			Form A	proved Bureau No	04-R06). 1		
	FEDERAL X	NATION ADMINIST	ration U							
	MAJOR REPAIR AND ALTERATION						FOR FAA USE ONLY OFFICE IDENTIFICATION FTW-GADO			
(Airframe, Powerplant, Propeller, or Appliance)								2-1-04		
INSTRUCT	IONS: Print or type all entrons, and disposition of this	ries. See FAR 4	3.9, FAR 43 Appen	dix B, and AC 43.	9-1 (or su	sequent r	evision th	eteof)		
2.41	MAKE Piker T	r 12 c	A	AODEL P	1-22					
AIRCRAFT	SERIAL NO	016	•	IATIONALITY AND	REGISTRA	TION MA	RK	÷		
OWNER	NAME (As shown on registro	tion certificate)	77 A	DDRESS (As show	gn_registry	tion certifi	cote)			
. OWNER	Richard G.	, , , ,	FOR FAA USE ONLY	Allen	11113	73	002	<u>-</u>		
		<u>. 4 - 14 - 15 - 16 - 16 - 1</u> Xin ₂ 12 24 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. TOR THE USE ORLI	· · · · · · · · · · · · · · · · · · ·		-				
.**										
			. 발표하다 : 15일 1 1일 1일 1							
				<u> </u>	<u> </u>					
	1	4. UNIT IDE	ENTIFICATION					TYPE ALTER-		
TINU	MAKE		MODEL		SERIAL NO). 	REPAIR	ATION		
IRFRAME		eeeeeee (As des	scribed in item 1 abo	ve)**********	•••••		X			
OWERPLANT										
ROPELLER										
<u> </u>	TYPE	indjørderdir byde. Far am filming	. 홍막 (11) 12 개 23 최 <u>.</u> - 14 기기 (11) 13 기기 (11) 17 (11)		·	·	 	\vdash		
APPLIANCE							ļ			
) · ·	MANUFACTURER				-		ļ			
	138.8	6.	CONFORMITY STATEM							
Α.	AGENCY'S NAME AND AL	DRESS	A A	D OF AGENCY		C. CER	TIFICATE	NO.		
14/1	sley I. Laure	JR	U.S. CERTIFICATI	CATED MECHANIC		12/	222/	-		
	13033 Corte	Z Dr.	CERTIFICATED RE	· · · · · · · · · · · · · · · · · · ·		7	ZZZI	6		
•	Ft. Worlh	Finas	MANUFACTURER			· · ·				
D. I certify	that the repair and/or all ents hereto have been made t the information furnished	eration made to	the unit(s) identi	fied in item 4 about of Part 43 of t	ove and de he U.S. Fe	scríbed o deral Avia	n the rev	erse or ulations		
DATE	t the distance of the second		SIGNATURE OF	NUTHORIZED INDI	VIDUAL /					
	6-4-72		1/1	ty / La	<u>e f</u>					
			OVAL FOR RETURN TO		formal in	the mann	er prescri	hed hv		
the Admini	the authority given person strator of the Federal Aviati	s_specified belov on Administration	on and is APPR	OVED REJEC	MED.	те шипп	c. prescn	Dy		
FA	は、 ラー・バネル・ケーだしま かまばしむ	ACTURER -	INSPECTION AUTHORIZ	ZATION OTHER	(Specify)					
BY	A DESIGNEE REPAIR	STATION	OF TRANSPORT INSPE	CTOR	ا دور سرک	: <u> </u>		1		
DATE OF AF		CATE OR		AUTHORIZED IND	IVIDUAL	~				
CEDECTION	<i>H H</i> .	12216	1110	-4/. L.	- 1					

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

 DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with air-craft nationality and registration mark and date work completed.) Installed welded patch repair at the following locations on accordance with AC 43.13-1 Page 30 Par 49. point on leht hard opport nose landing gran mount - Bottom side of To bing. 2. 18 inches from person Il attach for nt on the lebt hard upper nose Tubing. 3. 14 melis from hornerly attach point on lett hard upper nose landing gear mount. Topo side of mount Tubing. ADDITIONAL SHEETS ARE ATTACHED

	COMMERCE	1	Form Appro	ved. Budge	t Baresu No. 41-R041.5.
U S DEPARTMENT OF COULARROWAUTICS ADM PPLICATION FOR AIRWORTI AND/OR ANNUAL INSPECTIO	iinéss certif	ICATE RAFT	Please print or	es Admini	CTIONS hibmit this form to the stration Aviation Safety
TYPE OF APPEICATION (CAREAGE) ORIGINAL ISSUANCE OF CERTIFICATE ON ANNUAL INSPECTION FOR RENEWAL OF A ON AMENDMENT OR MODIFICATION OF CURI	CERTIFICATÉ		IFICATION UNDER LE CERTIFICATE UI		IONS OF CAR 8 ROYISIONS OF CAR 8
ATRWORTHINESS CLASSIFICATION It is requested that the Certificate of Y worthiness classification(s):	(Check appropriate item(s) Lieworthiness be issu) ued to perm	it operation of t	he aircraf	in the following air-
STANDARD (NORMAL, UTILITY, ACROBAT	IIC, TRANSPORT CATEGO	RIES)			
to ☐ LIMITED (SEE CAR 9)					
e. RESTRICTED (SEE CAR 8) (Check the restricted special purpose operation)	(e) to be conducted)				
AGRICULTURAL AND PEST CONTR	IOL .	☐ PATRO			
AERIAL ADVERTISING		医外侧 化二氯化甲基乙基化物	AND WILDLIFE CO TRECONTROL	NSERVATIO	
AERIAL SURVEYING		☐ WEATH	R CONTROL		
☐ GLIDER TOWING d. ☐ EXPERIMENTAL			加速域		
(Cheek the type of experimental operation(s) to	be conducted)				
RESEARCH AND DEVELOPMENT		☐ RACIN	网络凯拉拉斯 医克马氏性畸胎		
☐ AMATEUR-BUILT		☐ EXHIB	TION		
☐ DEMONSTRATION		OTHER			
AIRCRAFT IDENTIFICATION (Comple	te all items)		为是有种特别。(14)		त्यात्राम् यस्त्राच्यात्रस्य स्टिन्
AIRCRAFT MAKE	b. AIRCRAFT MODEL	\$0.55		RCRAFT SEF	
Piper	PA_22 "	150		22-5)TP
d. ENGINE MAKE		e. ENGINE N	ODEL		
心是是否的特殊的意义不要的意思的意思				0-32	0
Lycoming	于"是种种的特别。" 第1	DATE OF			
AIRCRAFT REGISTRATION INFOR	MATION (Complete all i	tems)	IT MAILÍNG ADDRE	ss 1	e AIRCRAFT NATIONALITY
a. REGISTER OWNER'S FULL NAME		"我是我们		Same Street Land	e AIRCRAFT NATIONALITY AND REGISTRATION MARK
PIPER AIRCRAFT CORE		1000年第三十	HAVEN, P	10000	№ 7 152D
	above state	ments	BIG MINO		
1 certify that the		Supv	Order 8		March 14, 195
5. AIRCRAFT OWNER'S CERTIFICATION In the registered with the Civil Accounting or 509 and when operated displays the	Of (Check and complete a gentered owner (or h Administration as a e following evidence	ippr) prints item is agent) of required by of registrati		Dept	Itam 2 shove which is
AIRCRAFT OWNER'S CERTIFICAT I hereby certify that I any the registered with the Civil Aeronautics or 507 and when operated dhalays the CERTIFICATE OF REGISTRATION, FORM B. APPLICATION FOR REGISTRATION, FORM WATON	ON (Case and complete a glatered owner (or h Administration as a following evidence ACA-500 (PART A), DAT M ACA-500 (PART B). FO	ppr)printe item is agent) of required by of registrati E OF ISSUE _ IRM ACA-500, I	the aircraft identities the Regulations	Dept.	Item 3 above which is iministrator, Part 501
AIRCRAFT OWNER'S CERTIFICAT I Bereby certify that I are the registered* with the Civil Aeronautics or 500 and when operated diplays the amount of the continuous of the conti	ON (Case and complete a glatered owner (or h Administration as a following evidence ACA-500 (PART A), DAT M ACA-500 (PART B). FO	ppr)printe item is agent) of required by of registrati E OF ISSUE _ IRM ACA-500, I	the aircraft identities the Regulations	Dept.	Item 3 above which is iministrator, Part 501
AIRCRAFT OWNER'S CERTIFICAT I hereby certify that I any the registered with the Civil Aeronautics or 507 and when operated dhaplays the CERTIFICATE OF REGISTRATION, FORM B. APPLICATION FOR REGISTRATION, FORM WATER ON	ON (Check and complete a glatered owner (or h Administration as 1 following evidence ACA-500 (PART A), DAT M ACA-500 (PART B), FO	ppr)printe item is agent) of required by of registrati E OF ISSUE _ IRM ACA-500, I	the aircraft identities the Regulations	Dept.	Item 3 above which is iministrator, Part 501
AIRCRAFT OWNER'S CERTIFICATI I lereby certify that I are the registered with the Civil Agronautics or 507 and when operated displays that and when operated displays that is a certificate or registration. Form by CERTIFICATE OF REGISTRATION. FOR the 300 ON C DEALER'S REGISTRATION CERTIFICATE. The order to be eligible or substitution as alrevined by the Civil Aeronautics Act of 1938, as among the civil Aeronautics Aeronautics Aeronautics Aeronautics Aeronautics Aeronautics Aeronautics Aeronautics Aer	ON (Check and complete a glatered owner (or h Administration as 1 following evidence ACA-500 (PART A), DAT M ACA-500 (PART B), FO	ppr)printe item is agent) of required by of registrati E OF ISSUE _ IRM ACA-500, I	the aircraft identities the Regulations	Dept.	Item 3 above which is iministrator, Part 501
AIRCRAFT OWNER'S CERTIFICATI I Hereby certify that I am the registered* with the Civil Aeronautics or 507 and when operated displays the selection of the certificate or registration, form b. APPLICATION FOR REGISTRATION, FORM W-300 ON CERTIFICATE. *In order to be eligible for registration an aircowned by a citizen of the United States, as define 1(13) of the Civil Aeronautics Act of 1938, as amm ATTACHMENTS (Check which) ACA-319 WEIGHT AND BALANCE RE	ON (Check and complete a gistered owner (or he Administration as a following evidence ACA-500 (PART A). DAT M ACA-500 (PART B). FORM ACA-1707, DATED section and by Section and by Section and by Section and by Section and	upp) printe item us agent) of required by of registrati E OF ISSUE _ RM ACA-SOO, I	the aircraft identities the Regulations	Dept intified in of the A	Item 3 above which is iministrator, Part 501. CCRAFT RECORDS BRANCH,
AIRCRAFT OWNER'S CERTIFICAT I kereby certify that I are the registered* with the Civil Aeronautics or 500 and when operated displays that. LERTIFICATE OF REGISTRATION, FORM APPLICATION FOR REGISTRATION, FORM W-300 ON The OPPLICATION FOR REGISTRATION FORM The order to be eligible for registration after owned by a cities to the United States, as defined by a cities to the United States, as defined by a city of the United States, as defined by a city of the United States, as defined by a city of the United States, as defined by a city of the Civil Aeronautics Act of 1938, as amount of the United States, as defined by a city of the Civil Aeronautics Act of 1938, as a mount of the Civil Aeronautics Act of 1938, a	ON (Check and complete a gatered owner (or b Administration as a following evidence acca-500 (PART'A), DATED FORM ACA-500 (PART'A), DATED state under the complete acca-500 (PART'A), DATED state under the complete under t	upp) printe item us agent) of required by of registrati E OF ISSUE _ RM ACA-SOO, I	the aircraft ide the Regulations on:	Dept intified in of the A	Item 3 above which is iministrator, Part 501. CCRAFT RECORDS BRANCH,

Civit/AFRON ATRCRAFT I (To be completed by a CAA r	and the second of the control of the control of	M ORT oved repair station)	
The aircraft described in item 3 on the reverse of this (Check and complete opplicable stand) 1. AIRCRAFTSAND ENGINE CERTIFICATION BASIS 2. AIRCRAFTSAND ENGINE CERTIFICATION BASIS 3. AIRCRAFT LISTING PAGE NO. 2. AIRCRAFT LISTING PAGE NO. 2. AIRCRAFT LISTING PAGE NO. 3. AIRCRAFT LISTING PAGE NO. 4. COVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATION)	ROUGH SHEET REVISION NO.		to the following:
2, AIRCRAFT AND ENGINE OPERATING RECORDS			
AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTEN. AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTEN. AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN SERIAL NO. SERIAL NO. SERIAL NO. SERIAL NO. SERIAL NO.	IVES RECORDED OPERATED A TOTAL OF	Hotiks	
3. PREVIOUS INSPECTION RECORD (INSPECTION	RECORDED ON FORM	ACA-319)	
LAST AIRWORTHINESS INSPECTION CONDUCTED BY AIRCRAFT MANUFACTURER BY APPROVED REPAIR STATION, CERTIFICATE MO BY MECHANIC, CERTIFICATE NO. PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-31			
4. AIRWORTHINESS DOCUMENTS ISSUED OR REV . OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (. CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVA- . CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVA- . CURRENT WEIGHT AND BALANCE INFORMATION IS AVAI . THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRA- C. CENTIFICATE OF AIRWORTHINESS, FORM ACA-1862, ISSUED IN A CA-1862, ISSUED IN A CA	COPY ATTACHED) VAILABLE IN AIRCRAFT LABLE IN AIRCRAFT LABLE IN AIRCRAFT FT RECORDS ED TO EXPIRE (DATE)	(SATE)	
B. CAA APPROVED REPAIR STATION CERTIFICAT	ION		
The sirrraft described on the reverse has been in No	nspected under the au		
6. CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVE	RSE AND FOUND IT	RWORTHY UNAIRWORT (Check appropriate stem)	T
DESIGNEE'S AGNATURE	DESIGNATION NO.	DATE	
Authority, Salvenes Chief Engineer Piper Aircraft Corporation	CAA DESIGNATION NO. DECR 1-1	DATE 3-11;-57	S ACCEPTED REINSPECTED SPOT CHECKED
E ATTACHMENT - FORB ACA 132			

No.

UNITED STATES OF AMERICA — FEDERAL AVIATION GENCY STATIAND AIRWORTHINESS GERTIFICATE										
REGISTRATION MARKS	NANUFACTURER AND HOSEL VATION 3. AIRCRAFT S. HUMBER P. 20150	HORMAL UTILITY								
This compathings of	FOR ISS JORCE	0								
Exceptions:	K HANKE T	8 and certifies that, as of t conform to the type certifier requirements of the applicab tyention on international Cr								
Exceptions:	* *									

ा है जिल्ला है सहस्रक है। जिल्ला महास्था के अधिक है । जिल्ला ह	-
Trength allegants real energy	
	72
	7. 4V 3
ertendi. Det klubblik med fleter i Miller in fall it die erstelle Willeland ist English flet el Levis i eine d Det formande klub steller i Med fall i die group en der group fleter in der det i flete fleter i de stelle bli Det formande in de gestelle betyd formande fleter i die fleter i de fleter i de gestelle klubbe en de gestelle Det formande fleter i de gestelle betyd fleter i de fleter i de gestelle blief de gestelle fleter i de gestelle	
	ଷ≜ମ≮ତ୍ ବିଲୋଗ
THE STATE OF THE S	erizona i
fordered to be be bushe and the first that the second of the first terms of the first ter	。 扩张 19 · · ·

DEFAITMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

Form Approved Budget Bureau No. 04-R060.1

for instructio	ONS: Print or ty							F-1-1	7 1
	ns ma ambosino	pe all entries. See n of this form.	FAR	43.9, FAR 43 Appe	endix B, and	AC 43.9-1 (or	subsequent	revision t	Sereof)
	MAKE			· · · · · · · · · · · · · · · · · · ·	MODEL				
ALBCOALT	PIPER			*****	ر ط	922			
. AIRCRAFT	SERIAL NO.			NATIONALITY AND REGISTRATION MARK					
1.1	93- 50)16			USA	N7152	Δ		
. OWNER	NAME (As shown of TRI-STATE	on registration certific TRIM LINE	ic al e)		ADDRESS (A	Le fibee) Le fibee) RB34 TE F507	istration certif .AKE LAM	icate)	
eren in the second	· · · · · · · · · · · · · · · · · · ·		3	. FOR FAA USE ON	LY PLANG	Tr. 9507.	4		
						- -			
				•				-	
	e e e e e e e e e e e e e e e e e e e								
· · · · · · ·		4. 131	UT IDI	ENTIFICATION	 -				TWO
						I	-	<u></u>	TYPE
UNIT		AICE	L	MODEL		SERIAL	NO.	REPAIR	ALTE
IRFRAME	******	***********************	As de	scribed in item 1 ab	ave) seesse	***************************************	•		>
OWERPLANT	_			•					
ROPELLER				,					
	TYPE							ļ	<u> </u>
-	MANUFACTURER					,	•		
	 			CONFORMING STATES	IDIT .			L	<u> </u>
A. A	GENCY'S NAME	AND ADDRESS	0.	CONFORMITY STATEM	ID OF AGE	NCY	C CER	TIFICATE	NO
	AVIONICS,			U.S. CERTIFICAT					.,
HCHUDA	USY AIRPOR	77 .		FOREIGN CERTIF			1 _		
ייי לו או א	VEY TEXA	c ~ - 111		CERTIFICATED R	EPAIR STATION	· .	202.	-104	
MILAINA	TEXA	2 75004		MANUFACTURES			-	,	
amachmen	ts hereto have be	d/or alteration made in accordance in the second armished herein is the second armished in the second armished armished in the second armished armish	ance v	vith the requiremen	nts of Part 4	3 of the U.S. I	described or federal Avia	the revion Regu	erse or
ATE	1			SIGNATURE OF	AUTHORIZED	INDIVIDUAL			
21 ap	ril 83	7.	APPEN	VAL FOR RETURN TO	PB	usl			
Pursuant to ti	he authority gives	persons specified Avistion Adminis				was inspected i	n the manne	r prescri	ed by
FAA P	ET, STANDARDS	MANUFACTURER		INSPECTION AUTHORIS		OTHER (Specify)			
	DESKONEE	REPAIR STATION		CANADIAN DEPARTME OF TRANSPORT INSPE OF AIRCRAFT	ECTOR		· <u>:</u>		
ATE OF APPR EJECTION 21 (2000)		CERTIFICATE OR DESIGNATION NO 202-104	Э.	SIGNATURE OF	AUTHORIZED	20	* :		

8. DESCRIPTION 0 craft riction	OF WORK ACCOMPLISHED (If more vality and registration mar	re space is required, k and date work co	attach addition mpleted.)	nal sheets. Identi	fy with air-
INSTAL	LED KING KX-16	60 NAU com,	KI-211 6 F	Swer Pack	
	upply mounted un				•
	V. AC 43.13-24				WSTALLATION
	and the second of the second o			15 # 1	
Nemoveo	FRom A/C was	INDRIC 6 B	Y TERSON	OR PERSONS	UN KNOWN.
10 and 20				la de la Calanda de la Calanda Santana	
	PER STREAM AND ASSESSED.	Total Control of the	44 - 14 - 144 24 - 15 - 15 - 15 - 15 - 15 - 15 - 15 - 1		7.4 7.
140			4	· · · · · · · · · · · · · · · · · · ·	DV.
er objectski († 1				RECEIVE	ų
San Arangel				MAY 4 1983	
				FAA - DALLA	LS
Application of	en e	n (As an action of the form it is	yaniyan 🎉 com	GADD	
	en e	wo.st.		•	•
		nist obsalato dos	<u>`</u>		2
	and the second of the second o		A CONTRACTOR OF THE PROPERTY O		
				•	
·	بيده وتعليما المستنار سيسيار	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	in the second se		
	الكافيية والمنظم المعاول المنظم المن		Salara ay ay giran yan Ay Sy Sy Sy - 28		•
ে ভাষেটার্য প্রতি	क्षित वर्षात्र के प्रतिकार के स्थाप के	History and	i valgar 2 Intoltians		
	T BEEN WITH		Car V		
				SCHOOL STATE	-
and the second second	े करण स्टिक्ट्रिक अधिक स्टिक्ट्रिक स्टिक्ट्रिक १ करण स्टिक्ट्रिक अधिक स्टिक्ट्रिक स्टिक्ट्रिक १ करण				
لرجأ أتحيأ العجيريجان وصحاحيطين	(स्पेर्धिकार्यकाः स्थापः स्ट्रीयास्य स्ट्रीयकार्यक्रिकेत्रः १ स्ट्रीयक्षयः स्थाप्य स्थाप्यस्य स्थाप्यस्य	بتشدد وتدامده المدورة والمأبة أتيلينا أبكي والإرجاج بالميطانية	adasi ngi kuy tot an galagan daga daga angangan daga	general general School	1995
	eranika sakuntu Giberaran Sametanuari				লে কেন্দ্ৰ
		ADDITIONAL SHEETS A	E ATTACHEN		A STATE OF THE STA
C FAA AC 78-4		AUDITORAL SIREIS AI	- 41400) i i i i i i i i i i i i i i i i i i i	
				& U.S	GPO: 1981 - 775-332/47

FEDERAL WIATION AGENCY MAJOR REPAIR AND ALTERATION Airframe, Powerplant, Propeller, or Appliance)

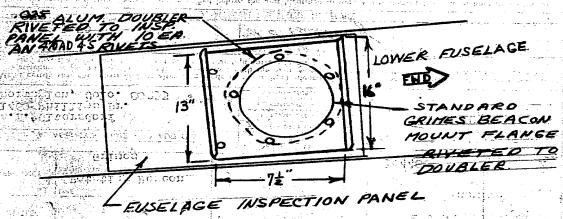
Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
CONTROL INSTITUTE OF THE CASE

for instruction	IONS: Print or typons and disposition			9, FAR 43 App	<u> </u>				
	MAKE	<u>-</u>		er e la la elle	MODEL				
AIRCRAFT	PIP	ER	and production of		PA	AND REGIST	350	A D V	
	SERIAL NO.				MATIONALIT			ARK	
	22 50			<u> </u>	ADDRESS (A	17 152			
	NAME (As shown o	n registration certifica	rre)		1 . 1	shown on regis		icare)	
OWNER	034		ia Na			Phillip		00.077	
Talenda oliver	Olterador	I ALVIN B	3	FOR FAA USE ON	I POPEN	glen, Co	10+	80 233 .	
	212.13			10k 1801 03L 01					
	i. O j _{es} pani		-			14.3			
		4		÷ .		1 4			
		· · · · ·							
		4. UNI	T_IDEN	TIFICATION				5. 1	YPE
				MODEL		. , SERIAL	NO.	—	ALTER-
UNIT	,	UKE	` · · · .	MODEL	·	. ,		REPAIR	ATION
	4 ft 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second second	•			•	-		
RFRAME .			us descr	ibed in item 1 a	oove) eeeeee	***************************************	₩		1
			جعنب	·			1 (C t	 	
	1.00		· ••						
OWERPLANT				4.8	.	•		1	
<u> </u>	<u> </u>							┼	
				5					
OPELLER		SOMETHOR			,				ľ
	TYPE			<u> </u>		<u>.</u> हार्डाडा राज		+	
	1	8	:	ح قبي					
PPLIANCE	MOTATINE	Beacen		75				ì	1
• .	Grine		i .			30448			X
	41140		- 6 CC	NEORALITY STATE	MENT	,	** *		•
A .	AGENCY'S NAME		- 1		ND OF AGEN	ICY	C. CE	RTIFICATE	NO.
			-		ATED MECHANIC			-	
	tersdorf		-1		IFICATED MECHA		1218	514	** *
	illips Dr.	15#		CERTIFICATED	REPAIR STATION		34.5	- :	
iort hgl	en, Colo.	30 2 3 3	- 1	MANUFACTUR	ik ir	<i>,</i>			
			4	he nois(s) ides	rified in item	4 shove and	described o	on the rev	erse or
attachme	ents hereto have be	nd/or alteration ma en made in accorda	nce wi	th the requirem	ents of Part 4	3 of the U.S. I	ederal Avia	tion Regu	lations
and that	the information f	urnished herein is t	rué au	Contect to the	DC31 O1 111 21	ger			
ATE	· · ·		~~~	SIGNATURE OF		INDIVIDUAL	· · · · · · · · · · · · · · · · · ·	~	
	-1-60			a. c. O.	Strates		-	•	
** ,4 *	70-00		1			·			
18.7				AL FOR RETURN			· · · · · ·		
Pursuant to	the authority give	n persons specified ral Aviation Agency	below,	the unit identif	ied in item 4	was inspected	in the man	ner prescri	ibed by
		A ATIALION Agency	I Total	Z		OTHER (Specify)			
	A FLT. STANDARDS	MANUFACTURER	X	INSPECTION AUTHO	RIZATION				
Y INS	PECTOR	 	+*-}	CANADIAN DEPART	MENT				
FA	A DESIGNEE	REPAIR STATION	1 1	OF TRANSPORT IN					
ATE OF AT	PROVAL OR	CERTIFICATE OR		SIGNATURE OF	AUTHORISE	INDIVIDUAL		1	
	FROAMF OK	DESIGNATION NO		AIGHTINE OF		1 1	1 1	1_	//
					· / .	// // `	// Y D	_	-//
JECTION ろ- か	-70	A4P-35766	5.7.1	/	10 %	1110 1	r 115	ENL	

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)



Installed Grimes Rotating Beacon on lower fuselage inspection panel 127 WYCHES aft of the datum.

Installed 10 amp circuit breaker at C/B panel, AWG-18 wire used, routed & tied to prevent chaffing. Total added wt., 21bs.

PAR 43.9, BAR 43 Appression in and AC 45.9-12

ITEM	WT.	ARM	HOMENT
Airplane Beacon	1147 2 1149	70.1 175.	80404 350 80754
80754	<u>- 70.2°</u>	empty. C. 6% EVV 055 607 E	erthylen, 1601
G-W-	2000		on Francisco (O)

POR CONTROL OF ALTER ARE WITHOUTED

LS. GOVERNMENT PRINTING OFFICE : 1965 OF-761-74

1350-1377 328484 5:169000

FEDLAAL AVIATION AGENCY (MAJOR REPAIR AND ALTERATION

Form Approved
Budget Buresu No. 04-R060.1 FOR FAA USE ONLY

OFFICE IDENTIFICATION
DEN-GADO (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MAKE PA=22=150
NATIONALITY AND REGISTRATION MARK Piper SERIAL NO. 1. AIRCRAFT 22-5016 U.S.A. E-7152D ADDRESS (As shown on registration certificate) NAME (As shown on registration certificate) 4400 Sloux Dr. 2. OWNER Boulder, Colorado Harder Paul P 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE ALTER SERIAL NO. EUNIT REPAIR AIRFRAME rees (As described in item 1 above) ee POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. A-1761993 U.S. CERTIFICATED MECHANIC Philip W. Morris 8783 Princeton St. FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION Westminster, Colorado 80030 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. SIGNATURE OF MUTHORIZED INDIVIDUAL Pebruary 15, 1968 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Agency and is APPROVED REJECTED OTHER (Specify) FAA FLT. STANDARDS INSPECTOR INSPECTION AUTHORIZATION Verified by Operaior #36 CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT REPAIR STATION FAA DESIGNEE DATE OF APPROVAL OR SIGNATURE OF AUTHORIZED INDIVIDUAL CERTIFICATE OR rejection 15,1968 DESIGNATION NO

FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION

0052-025-8000 (8320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record.

An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) PIPER PA-22-150 Serial #22-5016 Recovered complete aircraft with Gecomite 101. Work was performed in accordance with Geoper Engineering Company manual #101 under STO #Sa4-903 and AC 43.13-1 Chapter #3. We weight change. SENCE S 144 VC - 40 ACC 155 C CONTORNEY 1 Xv s.o.s. TANGLED CONTRACTOR SECTION SEC

SOURCE SHEETS ARE ATTACHT PULS. GOVERNMENT PRINTING OFFICE : 1865 DF-761-746

					JUN 2 4	196 3	m approved. iget Bureau No. 04-R080.
	ied by Operc			AVIATION AG	ENCY) Pud	
MAJOR RE	EPAIR AND A	LTERATIO	ON FORM (A	IRFRAME, PO	WERPLANT, PRO	PELLER OR	APPLIANCE)
AIRCRAFT MAK	2 S. A	0.4	tto to a a t meol	PA-22-150	SERIAL NO. 22-5016	MATION.	ALITY AND REGISTRATION MARI
OWNER &	E (First, middle, last) M Blankens My Spivey	hip &			RESS (Street and number, 915 Edgewood Decatur, Ala	St. SY	um i ma Anglia sa
COMPLETE O	NLY FOR UNI	T REPAIR	ED AND/OR	LTERED. DESCI	RIBE WORK ACCO	MPLISHED O	N REVERSE IN AC-
LANGUE A	DOMESTIC STATES	وللأفاية فالتأفية وأربية	a i i i i i i i i i i i i i i i i i i i	MODERATE (PUR) CO	d contraction in terms of	~ ~ . NA	TURE OF WORK (Caree)
्र ^{ास} सम्बद्धाः ।	ennettendet i		No. (As described)	in item I above) ###	paganananan ja		orate l'alendo. Se och pale ≡ ortà
POWERPLANT		E4.5 12.5		e data identified herein	complied with applicable only for the above	le airvorthiness	เมือนที่ทำกับนินน์ เกิรส์ที่ - นับได้ นักเก
ran Dilling Sellenger Sengang Sellenger	5 55 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	o ka den anizaçen	18	.11 (b).	spection by a person a	umorized in CAR	man, desaler desaler
PROPELLER	TYPE AND MANU	FACTURER	The second	6-19/63		A Aso	-6AD0-1
L APPLIANCE		116 2004 to			A inspirant to justification in the control of the	urius di entre di Gasta di entre di e	en and the standard
AIRCRAFT W	EIGHT AND BA	LANCE D	stalled i	n an aircraft. At	eted by repair or al t, it will not be con this time, it will be	teration agen- apleted until a completed by	cy. However, in the such component is in the installing agency
CATEGORY		TY WEIGHT (F	if applic	EMPTY CENTER	OF GRAVITY (Inches from	datum)*	USEFUL LOAD (Pounds)*
			Bayasa Elec-	ರೇಷಕ ಎಚ್ಚರಿ ಮಿಚ್ಚರಿ			*
Hormal	1147	•	<u>غوي</u> شار دا	. em. 1 170.	12 bas		853
Judson L. 1411 Besc Becatur,		berneth	Aug 179.6 () () 190.0	☐ Foreign C ☐ Certificate ☐ Manufact ☐ C	ificated Mechanic, ertificated Mechanic de Repair Station. Irer. heck if repair or a s made under delegan procedures.)	Iteration	P 1067612
attachments the informat					ed under item 3 abo s of Part 18 of the	ove and descri U. S. Civil Air	ibed on the reverse or Regulations and tha
6-12-63	and/or alteration con	pleted)		<u> </u>	(Signature of ant	horized individual)
6. APPROVAL Pursuant to trator of the	FOR RETURN the authority sp Federal Aviatio	cified belo	ow the unit ide and is signee Ma ght Rep	nufacturer 🗆	Canadian Departm	ent of Transpo	ort Inspector of Aircraf
6-21-6	approval or rejection	<u>ં અંદે</u> ય)	Mara A	- Godson (Signa	Alexa of anthorised individ	me title or identi	P1047612 fication number)
7. TO BE COM	PLETED ONLY	BY FAA	1 - 1 - 1	attached memoran	dum Sp	28 ot Checked	AUG 1 1963
	A designation numbe	<u>r)</u>		<u> (U-</u>	(Signature Flight	condards Ins	tor)
			i a e general magazaria. La constanta e e esta	e i granda en 1944 en 1944 en 1944. Orden en 1944			Form FAA-887 (4

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy or will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by After the repair and/or alteration has been inspected and item 6 completed, the original copy of this

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation. र्रोहें हैं है
8. DESCRIPTION OF WORK ACCOMPLISHED.

Electrical Loading

Mil V Ja Bill.

5 - Em

Removed Piper Harco Vht-2-LF Radio Packaga, Installed King KK-150 and Herco Mk-6 equipment in the inst panel where the former equipment was remived. The existing panel mounting was used, a new clamp and bracket was made up to support the rear of the boxes due to the increased weight of the equipment added. The existing antennes were used with a coupler between the cami receivers and the existing transwitting attached to the EX-150 communications transceiver. All primary wiring was with ANG-16 wire to both sets. The EX-150 is protected with a 10 amp circuit breaker, and the Mk-6 with a 5 amp circuit breaker. Equipment was functionally checked after installation and compass deviation moted and a correction card made to note deviations. All audio wiring was made with ANG-20 wire and connected to the existing speaker, phones, and microphone circuits. All wiring cabled and routed to prevent fouling of controls and to prevent chaffing. Installation in accordance with King RE-150 and Marco Nk-6 installation manuals, and meets requirements of CAM 3.171 3.386, 3.652, 3.721.

Current Mr-6 receiver King EX-150 Electrical andt. 5.0 amps and running lites.

Electrical Load = 25 amps = 60% of the generator output of 25 amps.

tan maali Kalaa aaa aa ida nooni i Weight and Ballance وفلاع بالمأطون لألم فلاراء الأرو Moment A. Landburg Item Weight Arm 79940 Aircraft 70.0 Removed Piper Radio 60.0 -600 Installed Ky INSE 150 Installed Mk-6 60.0

70.1 inches aft of datum

estateliania della setta della d

New useful load computations

Empty Weight Useful Load 853

This Aircraft shall be loaded in accordance with approved piper fight menual and loading charts. for Mayor PA-22

24 € 305p

JUL 15 12 32 PM .63

*U additional space is needed attach additional sheets bearing aircraft backgroups, and resolvent process.

Form FAA-887 (4-52)

::H:251

相独立。

Transco

		-1 1			Form appr	oved. resu No. 04-R050.		
		***	L AVIATION AC	'		•		
MAJO!	R REPAIR AND ALTERATION	122						
1. AIRCRAFT	Piper		PA-22 "150"	SERIAL NO. 22-5016	N7152D	ID REGISTRATION MARI		
74312	NAME (First, middle, last)	1.4.2.11 SEC. 1.1.1	eri, alsoni a ribari 🗀 🗚	ORESS (Street and number, city, t	tone and State)	· · · · · · · · · · · · · · · · · · ·		
2. OWNER	A. M. Blankenship &		Ď	15 Edgewood St. :	1112			
S. COMPLET	TE ONLY FOR UNIT REPAIRI CE WITH GIVIL AERONAUTIC	ED AND/OR	ALTERED. DESC	RIBE WORK ACCOMPL	ISHED ON RE	VERSE IN AC-		
1200/ 1170 TIMU	. citer 22-22 rette : reic Vit ill Brune :	r Log Lya Shri to E	Money que de la composición del composición de la composición de l	The Corner Buckling &	MAJOR REPAIR	WORK (Check)		
e. AIRFRAME	***************************************	nne. ind	Iquia ni osl	iscani artacai	1.52 31.023	i i iii ii		
A. POWERPLANT	. 5							
c PROPELLER								
<u></u>	TYPE AND MANUFACTURER				1			
Z. APPLIANCE		-	i de la decembración de la decem					
4. AIRCRAF	T WEIGHT AND BALANCE DA ER the repairs und/or alterations described below were made.	case of	a spare component n an aircraft. At	eted by repair or alterat , it will not be complet this time, it will be com	ed until such c	However, in the omponent is installing agency,		
CATEGORY	EMPTY WEIGHT (Po			OF GRAVITY (Inches from datum	a)* USEF	UL LOAD (Pounds)*		
1 1 -								
Normal	11112 Lbs.	7	70.0 Aft. D	a tum	8	58 Lbs		
5. CONFOR	MITY STATEMENT (Complete and	check)	6. KIND OF AGENCY	* .	e. CERTIFICA	TE NO.		
Z. AGENCT S NA	ME AND ADDRESS			ficated Mechanic.	A&P 1	·		
	1. Rowe			rtificated Mechanic.				
	10th Ave. Se.		T-	d Repair Station.		-		
, 200		- A	☐ Manufactu		ion			
1.			was	neck if repair or alterat made under delegation a procedures.)	op-			
attachmer	that the repair and/or alteration that the repair and/or alteration that the repair and or and or a mation furnished herein is true s	ccordance with	h the requirements	of Part 18 of the U.S.	nd described on Civil Air Regul	the reverse or ations and that		
	mber 14 1962		E.m	Rome				
(Date rep	pair and/or alteration completed)	<u> </u>		(Signature of authorized	individual)			
Pursuant	AL FOR RETURN TO SERVICE to the authority specified below the Federal Aviation Agency an	the unit iden		as inspected in the man	ner prescribed l	y the Adminis-		
	PROVED BY FAA Desig	nee 🗌 Man	ufacturer 🔲	Canadian Department of	Transport Insp	ector of Aircraft		
□ RE	JECTED TAA Flight Standards Inspector	t 🗋 Repa	air Station 🖺	Other (Specify)Inspec	TOB WALLO	CIZETION		
	per 14 1962 of approval or rejection)		A&P 105274		e or identification n	ımber)		
7. TO BE CO	OMPLETED ONLY BY FAA PE			-	,	الهم المحت		
Accepta	ded for engineering comment ed	☐ See a Reinspected	(Date)	Spot Che	ecked	Disto)		
50	-6 ADD- V		21.	Signature Filigh Standa	•	Ģ. Ī.		

INSTRUCTIONS

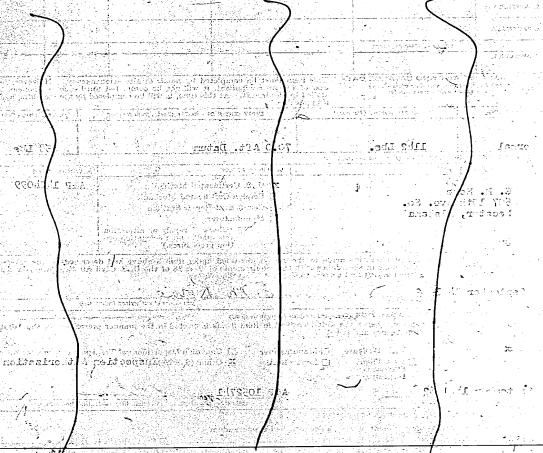
This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning

TREE LE CUPOS SIGNAL CENTRE

S. DESCRIPTION OF WORK ACCOMPLISHED. 2004

Removal of Rear Door As per. Piper Report 575 Page 5 Supplement To The Flight Manual. Approval Basis CAR 3 & 410 September 15, 1961. Piper PA-22 with Rear Door Removed Normal Category Only. Document Attached to Basic Flight Manual And Limitations and Placarda installed in Airplane. End



Check block if additional sheets are attached.